

WHAT IS CLAIMED IS:

1. A system having an entrance/exit regulating apparatus for regulating an entrance/exit of a person and a wireless communication terminal for communicating  
5 with the entrance/exit regulating apparatus, wherein:  
the entrance/exit regulating apparatus comprises:  
transmission means for transmitting an indication signal for indicating a communication restriction of the wireless communication terminal; and  
10 first control means for controlling an entrance/exit of a person as a response to the indication signal; and  
the wireless communication terminal comprises:  
first communication means for communicating with  
15 the entrance/exit regulating apparatus;  
second communication means for communication via a public network; and  
second control means for making a communication restriction of said second communication means in  
20 accordance with the indication signal received from said first communication means and for transmitting information of the communication restriction as the response.
- 25 2. A system having an entrance/exit regulating apparatus for regulating an entrance/exit of a person and a server apparatus for managing an entrance/exit of

a person, wherein:

the entrance/exit regulating apparatus comprises:

restriction means for restricting communication of  
a wireless communication terminal carried by a person

5 whose entrance/exit is to be regulated; and

notification means for notifying the server  
apparatus of an indication that the wireless

communication terminal whose communication was  
restricted by said restriction means exists in a  
10 predetermined area; and

the server apparatus comprises:

management means for managing an existence  
location of the wireless communication terminal in  
accordance with a notice supplied from said

15 notification means.

3. A system according to claim 2, wherein said  
management means notifies an existence location of the  
wireless communication terminal to a second server  
20 apparatus owned by a carrier providing wireless  
communication for the wireless communication terminal.

4. A system according to claim 1, wherein said  
management means also manages an entering/leaving time  
25 of the wireless communication terminal relative to the  
predetermined area.

5. An entrance/exit regulating apparatus for regulating an entrance/exit of a person, comprising:

transmission means for transmitting an indication signal for restricting communication of second

5 communication means of a wireless communication terminal via first communication means of the wireless communication terminal; and

control means for regulating an entrance/exit of a person as a response to the indication signal.

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6. An entrance/exit regulating apparatus according to claim 5, wherein regulation of an entrance/exit of a person is performed by opening/closing a gate.

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7. An entrance/exit regulating apparatus according to claim 5, wherein the indication signal is used for selecting one of a non-restriction mode without communication restriction, a manner mode of automatically turning off incoming call sounds of real time communication, a drive mode of automatically responding to real time communication, a real time communication inhibition mode of permitting only non-real time communication, a call in-out restriction mode of inhibiting call in-out of all communications and a wireless signal transmission restriction mode of inhibiting transmission of a wireless communication

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signal.

8. An entrance/exit regulating apparatus  
according to claim 5, wherein the response contains  
5 information indicating a communication function of the  
second communication means after the indication signal  
is received.

9. An entrance/exit regulating apparatus  
10 according to claim 5, wherein said control means  
notifies a server apparatus of an entering/leaving  
state of the wireless communication terminal relative  
to a predetermined area.

15 10. An entrance/exit regulating apparatus  
according to claim 5, wherein said control means  
notifies a server apparatus of an entering/leaving time  
of the wireless communication terminal relative to a  
predetermined area.

20 11. An entrance/exit regulating apparatus  
according to claim 5, wherein said transmission means  
transmits an indication signal for releasing the  
restriction of communication of the second  
25 communication means when the wireless communication  
terminal exits from a predetermined area.

12. An entrance/exit regulating apparatus  
according to claim 5, wherein said transmission means  
transmits an indication signal for releasing the  
restriction of communication of the second  
5 communication means when an emergency state occurs.

13. An entrance/exit regulating apparatus  
according to claim 12, wherein said transmission means  
transmits an indication signal for restarting the  
10 restriction of communication of the second  
communication means when an emergency state is  
released.

14. A wireless communication terminal comprising:  
15 first communication means for communicating with  
an entrance/exit regulating apparatus for regulating an  
entrance/exit of a person;

second communication means for communication via a  
public network; and

20 control means for making a communication  
restriction of said second communication means in  
accordance with an instruction from the entrance/exit  
regulating apparatus received by said first  
communication means.

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15. A wireless communication terminal according  
to claim 14, wherein said control means transmits

information on the communication restriction as a response to the instruction, and the entrance/exit regulating apparatus regulates an entrance/exit of a person in accordance with contents of the response.

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16. A wireless communication terminal according to claim 14, wherein said second communication means can switch among a plurality of communication restriction modes, and said control means changes the communication restriction mode of said second communication means in accordance with a mode designated by the entrance/exit regulating apparatus.

17. A wireless communication terminal according to claim 16, wherein when a person enters a predetermined area, if communication restriction of the mode designated by the entrance/exit regulating apparatus is more severe than communication restriction of a mode preset to said second communication mode, said control means changes a mode of said second communication means to the designated mode, whereas if not more severe, the mode is not changed.

18. A wireless communication terminal according to claim 16, wherein the communication restriction modes include at least one of a non-restriction mode without communication restriction, a manner mode of

automatically turning off incoming call sounds of real  
time communication, a drive mode of automatically  
responding to real time communication, a real time  
communication inhibition mode of permitting only non-  
5 real time communication, a call in-out restriction mode  
of inhibiting call in-out of all communications and a  
wireless signal transmission restriction mode of  
inhibiting transmission of a wireless communication  
signal.

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19. A control method for a system having an  
entrance/exit regulating apparatus for regulating an  
entrance/exit of a person and a wireless communication  
terminal for communicating with the entrance/exit  
15 regulating apparatus, wherein:

the entrance/exit regulating apparatus executes:

a transmission step of transmitting an indication  
signal for indicating a communication restriction of  
the wireless communication terminal; and

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a first control step of controlling an  
entrance/exit of a person as a response to the  
indication signal; and

the wireless communication terminal comprises:

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a first communication unit for communicating with  
the entrance/exit regulating apparatus and a second  
communication unit for communication via a public  
network, wherein

a communication restriction of the second communication unit is made in accordance with the indication signal received from the first communication unit and information of the communication restriction is transmitted as the response.

20. A control method for a system having an entrance/exit regulating apparatus for regulating an entrance/exit of a person and a server apparatus for managing an entrance/exit of a person, wherein:

the entrance/exit regulating apparatus executes:

a restriction step of restricting communication of a wireless communication terminal carried by a person whose entrance/exit is to be regulated; and

a notification step of notifying the server apparatus of an indication that the wireless communication terminal whose communication was restricted by said restriction step exists in a predetermined area; and

the server apparatus executes:

a management step of managing an existence location of the wireless communication terminal in accordance with a notice supplied by said notification step.

21. A control method for an entrance/exit regulating apparatus for regulating an entrance/exit of



a person, comprising:

5 a transmission step of transmitting an indication  
signal for restricting communication of a second  
communication unit of a wireless communication terminal  
via a first communication unit of the wireless  
communication terminal; and

a control step of regulating an entrance/exit of a  
person as a response to the indication signal.

10 22. A control method for a wireless communication  
terminal having a first communication unit for  
communicating with an entrance/exit regulating  
apparatus for regulating an entrance/exit of a person  
and a second communication unit for communication via a  
15 public network, the method comprising:

a reception step of receiving an instruction for  
restricting communication of the second communication  
unit from the entrance/exit regulating apparatus via  
the first communication unit; and

20 a control step of making a communication  
restriction of the second communication unit in  
accordance with the instruction received at said  
reception step.

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